



ABSTRACT AMENDMENT

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APR 16 2002

Technology Center 2600

The Abstract has been rewritten as follows:

A method includes providing a capacitor to maintain a terminal voltage of a pixel cell near a predetermined voltage. A memory is provided to store a digital indication of the predetermined voltage, and during a refresh operation, the digital indication is converted into an analog voltage to update a charge on the capacitor. A light modulator cell includes a pixel cell, a capacitor, a memory and a digital-to-analog converter. The capacitor maintains a terminal voltage of the pixel cell near a predetermined voltage, and the memory stores a digital indication of the predetermined voltage. The digital-to-analog converter converts the digital indication into an analog voltage to update a charge on the capacitor during a refresh operation.